

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020285.D
 Acq On : 13 Nov 2024 16:02
 Operator : SY/MD
 Sample : P4821-03
 Misc : 5.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-24-VOC

Quant Time: Nov 14 00:59:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	176553	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	436355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	478823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	121490	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	146438	66.457	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.920%
35) Dibromofluoromethane	7.640	113	122116	44.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.040%
50) Toluene-d8	10.109	98	594101	53.798	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.600%
62) 4-Bromofluorobenzene	12.407	95	194858	54.324	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	108.640%

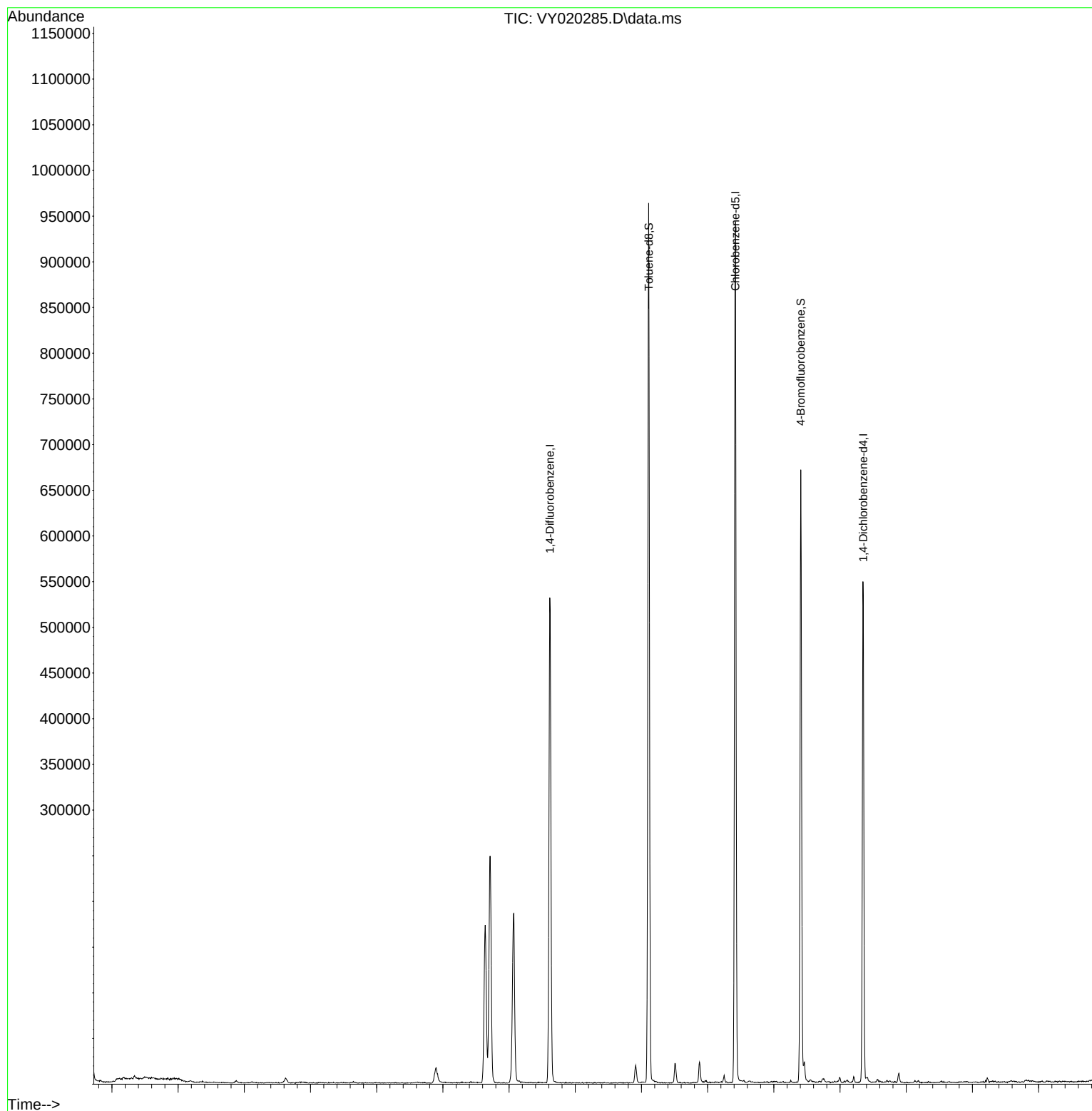
Target Compounds	Qvalue

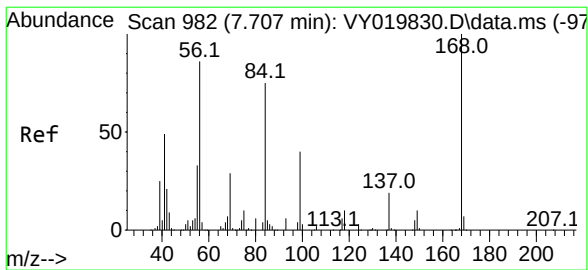
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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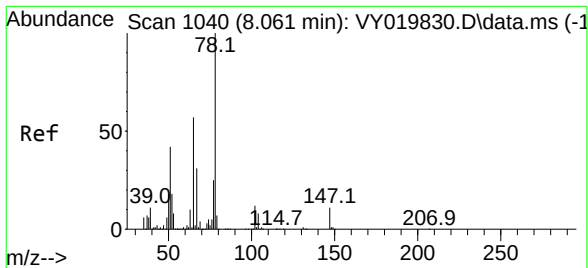
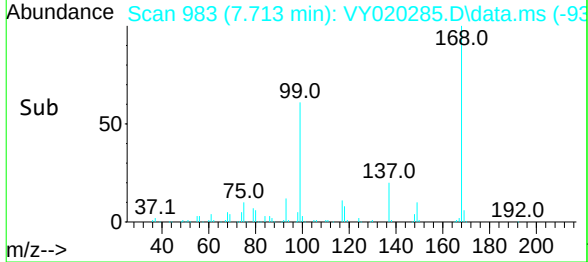
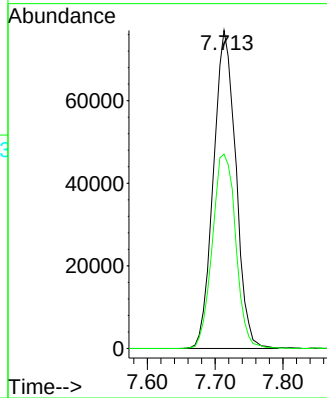
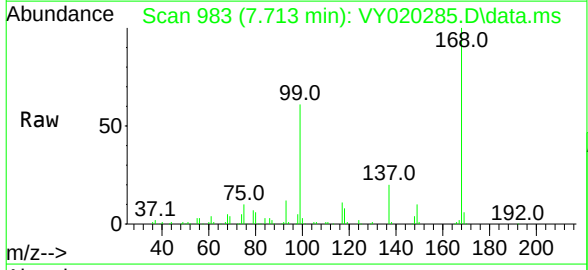




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

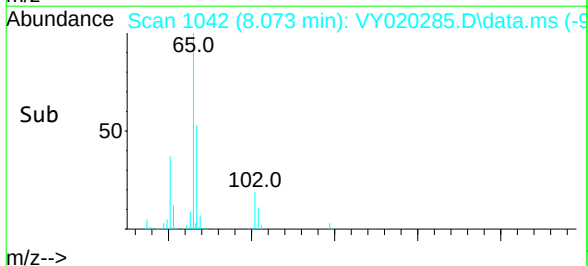
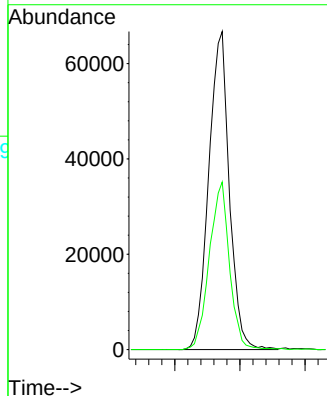
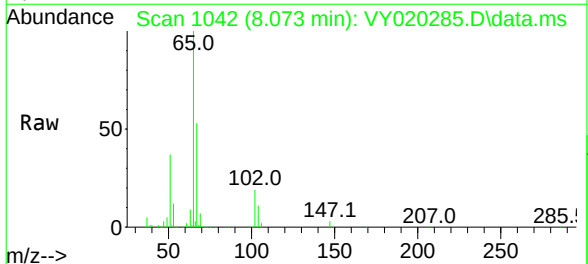
Instrument :
MSVOA_Y
ClientSampleId :
BP-F-24-VOC

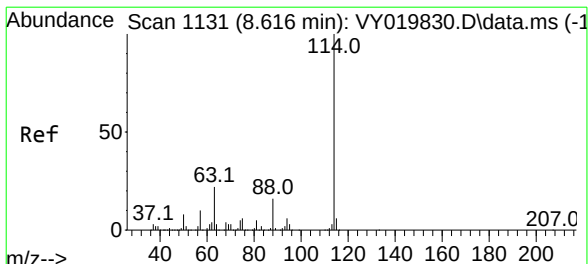
Tgt Ion:168 Resp: 176553
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 66.457 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

Tgt Ion: 65 Resp: 146438
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.6

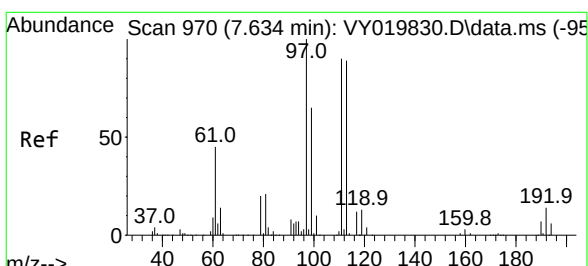
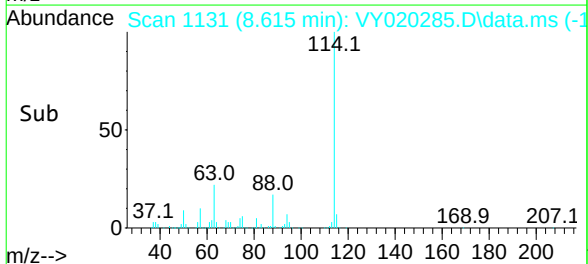
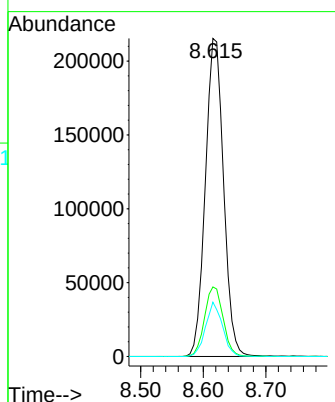
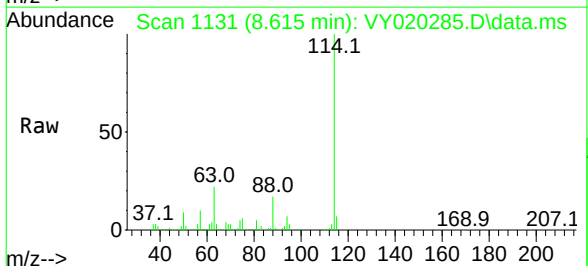




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020285.D
 Acq: 13 Nov 2024 16:02

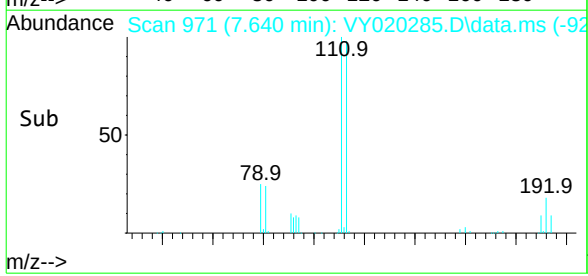
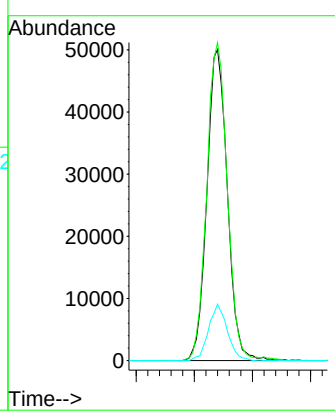
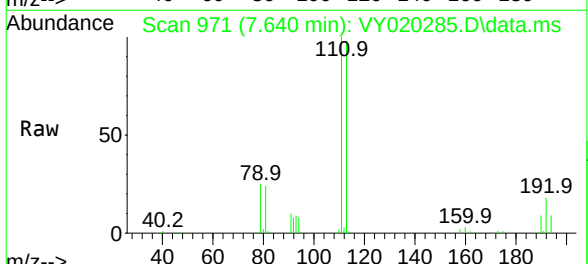
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-F-24-VOC

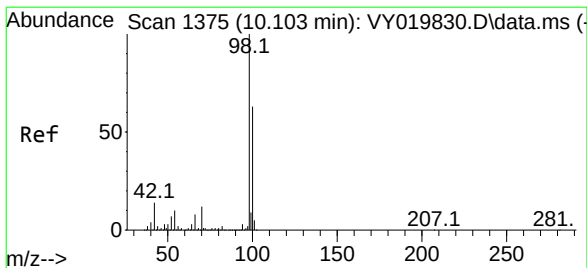
Tgt Ion:	114	Resp:	436355
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.0
88	17.1	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 44.017 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY020285.D
 Acq: 13 Nov 2024 16:02

Tgt Ion:	113	Resp:	122116
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	16.7	15.9	23.9





#50

Toluene-d8

Concen: 53.798 ug/l

RT: 10.109 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

Instrument :

MSVOA_Y

ClientSampleId :

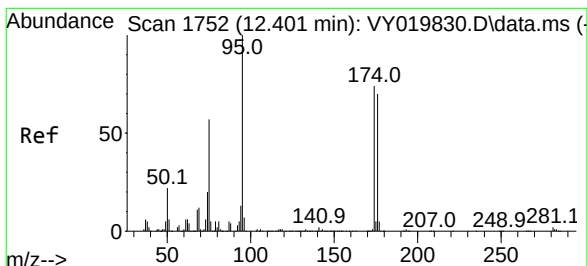
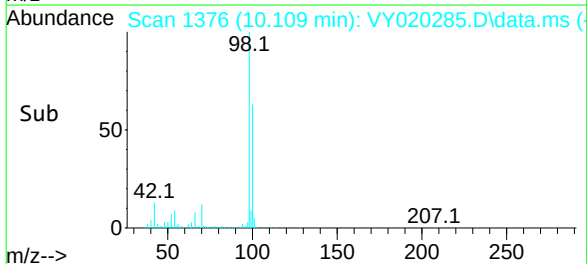
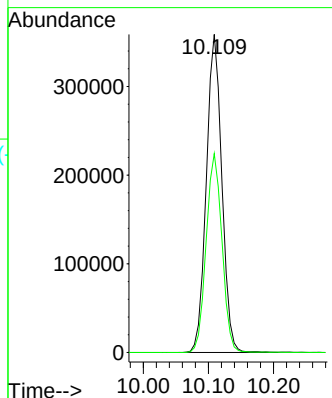
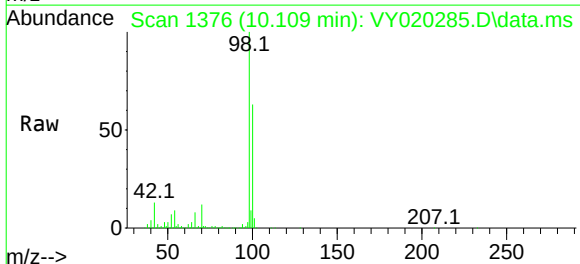
BP-F-24-VOC

Tgt Ion: 98 Resp: 594101

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.324 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020285.D

Acq: 13 Nov 2024 16:02

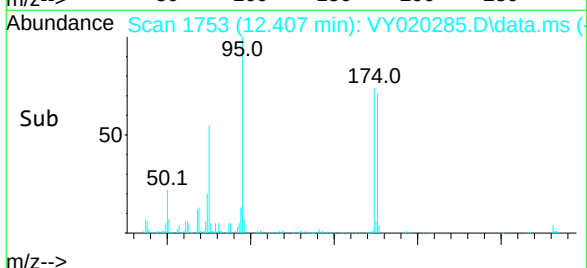
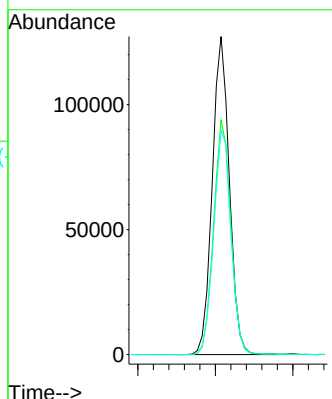
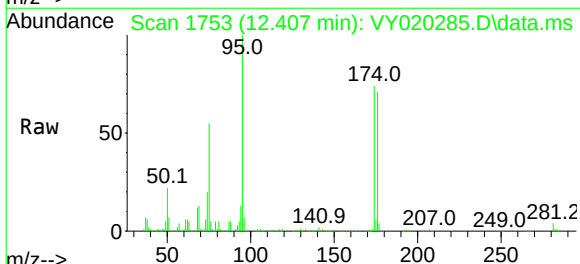
Tgt Ion: 95 Resp: 194858

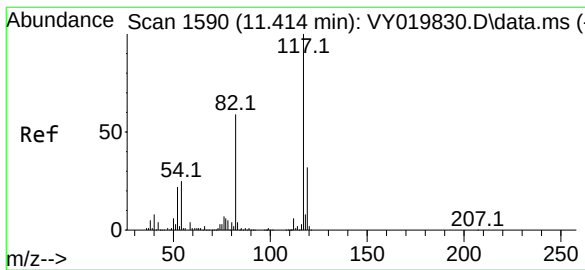
Ion Ratio Lower Upper

95 100

174 74.8 0.0 175.6

176 71.8 0.0 171.4

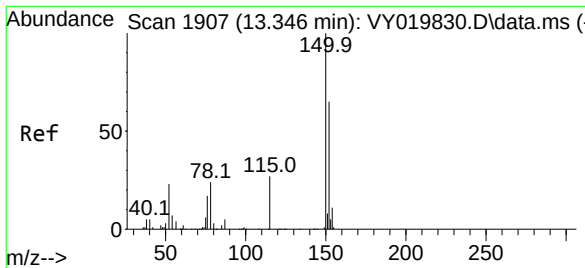
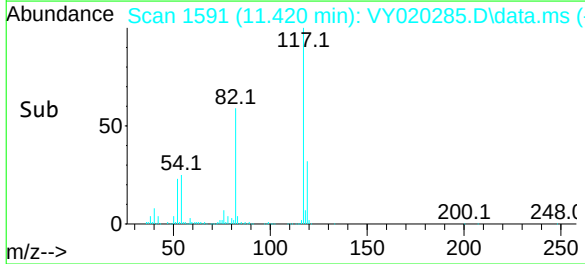
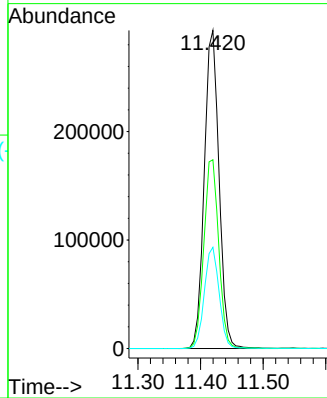
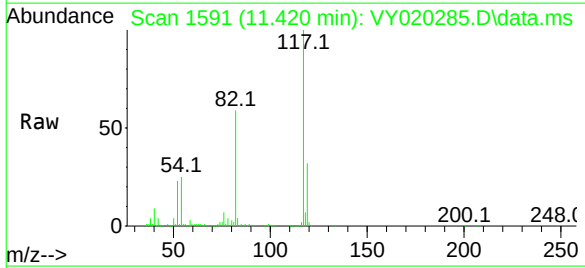




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

Instrument :
MSVOA_Y
ClientSampleId :
BP-F-24-VOC

Tgt Ion:	117	Resp:	478823
Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.4	63.6
119	31.8	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020285.D
Acq: 13 Nov 2024 16:02

Tgt Ion:	152	Resp:	121490
Ion	Ratio	Lower	Upper
152	100		
115	63.7	28.2	84.7
150	160.1	0.0	345.6

